

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/522,758
Source: PCT/10
Date Processed by STIC: 2/8/05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/522,758

CRF Edit Date: 2/11/05
Edited by: AC

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: / invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



PCT

RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/522,758

TIME: 17:31:05

Input Set : A:\Ptochg.raw

Output Set: N:\CRF4\02112005\J522758.raw

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1 <110> APPLICANT: Chermesh, Chen
2     Walach , Shira
3     Rotman , Galit
4     Sella-Tavor, Osnat
5 <120> TITLE OF INVENTION: SIM2 POLYPEPTIDES AND POLYNUCLEOTIDES ENCODING SAME
6     AND USES THEREOF IN DIAGNOSIS AND TREATMENT OF OVARIAN, BREAST AND LUNG
7     CANCERS
8 <130> FILE REFERENCE: 29225
9 <140> CURRENT APPLICATION NUMBER: US/10/522,758
10 <141> CURRENT FILING DATE: 2005-02-01
11 <160> NUMBER OF SEQ ID NOS: 41
12 <170> SOFTWARE: PatentIn version 3.2
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| 148 | ggccgcggcg | agtaatggcg | ctctgggagc | cctgcccagg | cggcctctgc | tcgcccctct | 5280 |
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Output Set: N:\CRF4\02112005\J522758.raw

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195      agccaaaata aaacatgccg attaatgtgg cttcagtttg ctcattgaaa aacaaaatga      8100
196      ccacatttgg caaactgcat ctggtgtatt ccttttattt ttctgccaat actttttttt      8160
197      ataagcttgc tatttattta catccttctc ttctgatgta tggatatacct tatccagatc      8220
198      cacatgggtt tatgtaactc tgtgtttctc aggcaaaacc ctttaaaatg aattacatat      8280
199      taaaatgata tggaag                                     8296
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203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
207 <400> SEQUENCE: 4
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212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial sequence
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216 <400> SEQUENCE: 5
217      ctttaccagc caggttttca ttg                                     23
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221 <212> TYPE: DNA
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225 <400> SEQUENCE: 6
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230 <212> TYPE: DNA
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234      aggagaagtc caagaatgcg gccaagacca ggagggagaa ggaaaatggc gagttttacg      120
235      agcttgccaa gctgctcccg ctgccgtcgg ccataccttc gcagctggac aaagcgtcca      180
236      tcatccgcct caccacgagc tacctgaaga tgcgcgccgt cttccccgaa ggtttaggag      240
237      acgcggtggg acagccgagc cgcgccgggc cctggacgg cgtcgccaag gagctgggat      300
238      cgcacttgct gcagactttg gatggatttg tttttgtggt agcatctgat ggcaaaatca      360
239      tgtatatatc cgagaccgct tctgtccatt taggcttata ccaggtggag ctacacggga      420
240      acagtattta tgaatacatc catccttctg accacgatga gatgaccgct gtccctcacgg      480
241      cccaccagcc gctgcaccac cacctgctcc aagagtatga gatagagagg tcgttctttc      540
242      ttcgaatgaa atgtgtcttg gcgaaaagga acgcgggcct gacctgcagc ggatacaagg      600
243      tcatccactg cagtggctac ttgaagatca ggcagtatat gctggacatg tccctgtacg      660
244      actcctgcta ccagattgtg gggctgggtg ccgtgggcca gtcgctgcca cccagtgcc      720
245      tcaccgagat caagctgtac agtaacatgt tcatgttcag ggccagcctt gacctgaagc      780
246      tgatattcct ggattccagg gtgaccgagg tgacgggtta cgagccgcag gacctgatcg      840

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/522,758

DATE: 02/11/2005
TIME: 17:31:06

Input Set : A:\Ptochg.raw
Output Set: N:\CRF4\02112005\J522758.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/522,758

DATE: 02/11/2005

TIME: 17:31:06

Input Set : A:\Ptochg.raw

Output Set: N:\CRF4\02112005\J522758.raw



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/522,758

DATE: 02/08/2005

TIME: 11:46:14

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\02082005\J522758.raw

3 <110> APPLICANT: Chermesh, Chen
 4 Walach , Shira
 5 Rotman , Galit
 6 Sella-Tavor, Osnat
 8 <120> TITLE OF INVENTION: SIM2 POLYPEPTIDES AND POLYNUCLEOTIDES ENCODING SAME AND USES
 9 THEREOF IN DIAGNOSIS AND TREATMENT OF OVARIAN, BREAST AND LUNG
 10 CANCERS
 12 <130> FILE REFERENCE: 29225
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/522,758
 C--> 14 <141> CURRENT FILING DATE: 2005-02-01
 14 <160> NUMBER OF SEQ ID NOS: 41
 16 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

1139 <210> SEQ ID NO: 41
 1140 <211> LENGTH: 584
 1141 <212> TYPE: PRT
 1142 <213> ORGANISM: Homo sapiens
 1144 <400> SEQUENCE: 41

P.3

| | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1146 | Met | Arg | Arg | Trp | Leu | Pro | Phe | Pro | Pro | Phe | Leu | Pro | Gly | Gly | Pro | Ser |
| 1147 | 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| 1150 | Asn | Leu | Ala | Ile | Pro | Asp | Phe | Gln | Gln | His | Ser | Val | Pro | Thr | Gly | Pro |
| 1151 | | | | 20 | | | | 25 | | | | | 30 | | | |
| 1154 | Ala | Val | Leu | Cys | Arg | Gly | Ala | Gly | Ser | Ser | Pro | Pro | Pro | Ser | Arg | Asn |
| 1155 | | | 35 | | | | 40 | | | | | | 45 | | | |
| 1158 | Leu | Thr | Phe | Leu | Thr | Pro | Thr | Pro | Pro | Ala | Gly | Asn | His | Arg | Leu | Gly |
| 1159 | | 50 | | | | 55 | | | | | 60 | | | | | |
| 1162 | Trp | Gly | Pro | Leu | Val | Leu | Gln | Glu | Ser | Ser | Ala | Asp | Phe | Ser | Pro | Ser |
| 1163 | 65 | | | | 70 | | | | | 75 | | | | | 80 | |
| 1166 | Leu | Pro | Ala | Met | Gly | Phe | Ala | Arg | Ser | Gln | Gly | Pro | Glu | Ala | Thr | Leu |
| 1167 | | | | 85 | | | | | 90 | | | | | | 95 | |
| 1170 | Thr | Val | Asn | Thr | Ala | Gln | Gly | Lys | Gly | Gly | Ser | Arg | Thr | Thr | Ala | Gln |
| 1171 | | | 100 | | | | | 105 | | | | | 110 | | | |
| 1174 | Pro | Gln | Glu | Arg | Pro | Ser | Ser | Arg | Glu | Lys | Asp | Ser | Cys | Gln | Gly | Ala |
| 1175 | | | 115 | | | | 120 | | | | | | 125 | | | |
| 1178 | Phe | Val | Pro | Arg | Pro | Ser | Tyr | Pro | Ala | Leu | Pro | Gly | Gly | Ser | Cys | Leu |
| 1179 | | 130 | | | | | 135 | | | | | 140 | | | | |
| 1182 | Trp | Phe | Ser | Ala | Arg | Gly | Thr | Thr | Ala | Leu | Arg | Thr | Ala | Val | Gly | Gly |
| 1183 | 145 | | | | 150 | | | | | 155 | | | | | 160 | |
| 1186 | Trp | Gly | Trp | Gly | Trp | Ala | Trp | Pro | Ser | Val | Gly | Trp | Gly | Gly | Gly | Arg |
| 1187 | | | | 165 | | | | 170 | | | | | | | 175 | |

**Does Not Comply
Corrected Diskette Needed**

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/522,758

DATE: 02/08/2005

TIME: 11:46:14

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\02082005\J522758.raw

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1190 Ala Ser Ser Ala Arg Ser Ser Leu Arg Arg Gly Arg Ser Gln Gly Ser
1191          180          185          190
1194 Gly Ala Arg Leu Val Gly Arg Glu Thr Pro Gly Ala Leu Ser Ser Gly
1195          195          200          205
1198 Glu Val Gly Val Gln Ala Gly Lys Pro Gly Val Ser Arg Gly Ala Ala
1199          210          215          220
1202 Val Arg Ser Arg Val Gln Glu Gly Ser Pro Asp Gly Gln Val Pro
1203 225          230          235          240
1206 Leu Ser Pro Gly Ala Gln His Trp Leu Val Ala Phe Ala Glu Val Val
1207          245          250          255
1210 Lys Lys Gly Arg Arg Pro Val Glu Arg Arg Ser Pro Gly Ile Pro Asn
1211          260          265          270
1214 Tyr Val Thr Gly Asp Pro Phe Gln Phe Gly Leu Trp Pro Ile Pro Leu
1215          275          280          285
1218 Ser Pro Pro Ala Asp Trp Ser Leu Leu Ser Gly Ser Pro Gln Pro Phe
1219          290          295          300
1222 Leu Phe Asn Arg Gly Gln Arg Gly Asp Gly Glu Ser Thr Asp Gly Gly
1223 305          310          315          320
1226 Cys Gly Ala Gly Glu Ala Ala Gly Arg Arg Ala Gly Leu Val Gly Arg
1227          325          330          335
1230 Ala Gly Arg Val Gln Gly Phe Arg Val Thr Cys Pro Ala Pro Arg His
1231          340          345          350
1234 Arg Ala Gly Arg Cys Ser Leu Pro Ile Cys Phe Arg Pro Ser Ser Arg
1235          355          360          365
1238 Phe Arg Arg Arg Val Gly Thr Ala Glu Pro Arg Arg Ala Pro Gly Arg
1239          370          375          380
1242 Arg Arg Gln Gly Ala Gly Ile Ala Leu Ala Ala Gly Arg Ala Ala Ser
1243 385          390          395          400
1246 Pro Gly Glu Glu Arg Ser Arg Arg Arg Leu Pro Ser His Pro Ala Thr
1247          405          410          415
1250 Pro Ala Ser Arg Arg Pro Phe Pro Arg Ser Ala Arg Gln Ile Gln Arg
1251          420          425          430
1254 Leu Pro Gly Ala Gly Asp Gly Val Val Pro Thr Ala Glu Gly Trp Thr
1255          435          440          445
1258 Leu Ser Met Ser Asp Ala Ala Cys Gly Gln Pro Tyr Pro Asn Pro Thr
1259          450          455          460
1262 Ala His Pro Asp Asn Gln Asn Leu Val Arg Pro Pro Gly Ser Cys Leu
1263 465          470          475          480
1266 Val Trp Ser Gln Val Leu Ser Ala Pro Ser Pro Gly Pro Phe Thr Leu
1267          485          490          495
1270 Gln Glu Leu His Ala Pro Leu Thr Ser Ala Phe Pro Trp Gln Gln Arg
1271          500          505          510
1274 Gly Phe Ala Gly Arg Pro Gly Ser Pro Glu His Ser Ser Pro Leu Pro
1275          515          520          525
1278 Gly Gly Leu Leu Ala Leu Ala Gly Asp Thr Ser Arg Ser Phe Lys Cys
1279          530          535          540
1282 Pro Leu Gln Ser Leu Ile Asn Asp Pro Ile His Ser Pro Leu Leu Ser
1283 545          550          555          560
1286 Phe Val Ser Ala Ile Glu Lys Cys Leu Pro Arg Ala Ala Leu His Phe

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RAW SEQUENCE LISTING

DATE: 02/08/2005

PATENT APPLICATION: US/10/522,758

TIME: 11:46:14

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\02082005\J522758.raw

| | | | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1287 | | | | 565 | | 570 | | 575 |
| 1290 | Arg | Pro | Leu | Phe | Cys | Val | Leu | Leu |
| 1291 | | | | 580 | | | | |
| E--> 1298 | 1 | | | | | | | |

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/522,758**

DATE: 02/08/2005

TIME: 11:46:15

Input Set : **A:\PTO.SR.txt**

Output Set: **N:\CRF4\02082005\J522758.raw**

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1298 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:41